

CLAIMS

What is claimed is:

1. Arrangement of a multilayer cylinder head gasket (10) containing at least two plates, an upper and a lower one (12, 14; 112, 114) with ribs (16, 18; 116, 118), a base plate (44; 144) and an intermediate plate (48; 148) comprising a sensor (30; 130) disposed in the immediate vicinity of the edge of the cylinder orifice (20; 120) and wires (36; 136) for transmitting information provided by said sensor, characterized in that the arrangement consists of accommodating a baffle (46, 52, 54; 146, 152, 154) between the base plate and the intermediate plate for the passage of said wires (36; 136) along said baffle.

2. Arrangement of a multilayer cylinder head gasket (10) according to claim 1, characterized in that the base plate (44, 144) comprises a window (46, 146) opposite the wires (36; 136) of the sensor (30, 130), and the intermediate plate (48, 148) comprises a bridge (50; 150) and two open windows (52, 54; 152, 154) disposed on each side of said bridge

3. Arrangement of a multilayer cylinder head gasket (10) according to claim 2, characterized in that the bridge (50, 150) is disposed so as to position itself above the wires passing along the baffle with a flat bottom (42, 142) and two branches (40, 140).

4. Arrangement of a multilayer cylinder head gasket (10) according to claim 3, characterized in that the thickness of the intermediate plate (48) is greater than that of the wires and that the bridge (50) is in the plane of said intermediate plate (48).

5. Arrangement of a multilayer cylinder head gasket (10) according to claim 3, characterized in that the thickness of the intermediate plate (148) is approximately equal to that of the wires and that the bridge (150) forms a projection in the window (146) of the base plate (144).

6. Arrangement of a multilayer cylinder head gasket (10) according to any one of the preceding claims, characterized in that it comprises a stopper (22, 122) disposed between the ribbed plates (12, 14; 112, 114) and opposite the base plate (44, 144) and the intermediate plate (48; 148), the height E of said stopper being greater than the sum of the heights e_1 of the base plate and e_2 of the intermediate plate.

7. Arrangement of a multilayer cylinder head gasket (10) according to claim 6, characterized in that the stopper (22, 122) comprises a seat (28, 128) for receiving the sensor (30, 130), said seat being open on one side (32, 132) toward the cylinder orifice (20, 120) and comprising a passage (34, 134).

8. Arrangement of a multilayer cylinder head gasket (10) according to claim 7, characterized in that the free spaces around the sensor in the seat (28, 128) are filled.

9. Arrangement of a multilayer cylinder head gasket (10) according to one of claims 6, 7 or 8, characterized in that the stopper (22, 122) is mounted so as to float relative to the plates.